WHAT IS CLAIMED IS:

1. An adjustment device adapted for use between a drill motor and a work piece, said adjustment device comprising:

a first portion; and

a second portion, said first and second portions adjustably engaging one another, said adjustment device having an overall length that is adapted to be adjusted by adjusting said first and second portions relative to one another, whereby the overall length is adapted to be adjusted to vary a distance between the drill motor and the work piece.

2. An adjustment device according to claim 1, wherein said first portion defines a slip fit member and the said second portion defines a threaded member.

3. An adjustment device according to claim 2, further including a clamp, said threaded member being threadably engageable with a mating thread, said clamp being adapted to clamp said threaded member in a fixed position against said mating thread.

4. An adjustment device according to claim 1, wherein said first and second portions threadably engage one another.

5. An adjustment device according to claim 1, wherein one of said first and second portions includes a clamp for clamping said first and second portions together to prevent said first and second portions from being adjusted relative to one another.

6. An adjustment device according to claim 1, wherein one of said first and second portions includes a detent member and the other one of said first and second portions includes a member engageable with said detent member to provide incremental resistance to the adjustment of said first and second portions relative to one another.

7. An adjustment device according to claim 6, wherein said member that is engageable with said detent member is a spring-biased ball.

8. An adjustment device adapted for use between a drill motor and a work piece, said adjustment device comprising:

a slip fit member; and

a threaded member opposite said slip fit member, said adjustment device having an overall length that is adjustable to vary a spatial relation between the drill motor and work piece.

9. An adjustment device according to claim 8, wherein said slip fit member is defined by a first portion and said threaded member is defined by a second portion, said first and second portions adjustably engaging one another to vary the overall length of said adjustment device.

10. An adjustment device according to claim 9, wherein one of said first and second portions includes a clamp for clamping said first and second portions together to prevent said first and second portions from being adjusted relative to one another.

11. An adjustment device according to claim 9, wherein one of said first and second portions includes a detent member and the other one of said first and second portions includes a member engageable with said detent member to provide incremental resistance to the adjustment of said first and second portions relative to one another.

12. An adjustment device according to claim 11, wherein said member that is engageable with said detent member is a spring-biased ball.

13. An adjustment device according to claim 8, further including a clamp, said threaded member being threadably engageable with a mating thread, said clamp being adapted to clamp said threaded member in a fixed position against said mating thread.

14. In combination:

a drill motor;

a support for supporting said drill motor in spatial relation to a work piece; and

an adjustment device comprising:

a slip fit member; and

a threaded member spaced apart from said slip fit member, one of said slip fit member or said threaded member being engageable with said drill motor and the other one of said slip fit member or said threaded member being engageable with said support, said adjustment device having an overall length that is adjustable to vary the spatial relation between said drill motor and said support.

15. A combination according to claim 14, wherein said slip fit member is defined by a first adjustment sleeve and said threaded member is defined by a second adjustment sleeve, said sleeves adjustably engaging one another to vary the overall length of said adjustment device.

16. A combination according to claim 15, wherein one of said sleeves includes a clamp for clamping said sleeves together to prevent said sleeves from being adjusted relative to one another.

17. A combination according to claim 15, wherein one of said sleeves includes a detent member and the other one of said sleeves supports a member engageable with said detent member to provide incremental resistance to movement of said sleeves relative to one another.

18. A combination according to claim 17, wherein said member that is engageable with said detent member is a spring-biased ball.

19. A combination according to claim 14, further including a clamp, said threaded member being threadably engageable with a mating thread, said clamp being adapted to clamp said threaded member in a fixed position against said mating thread.